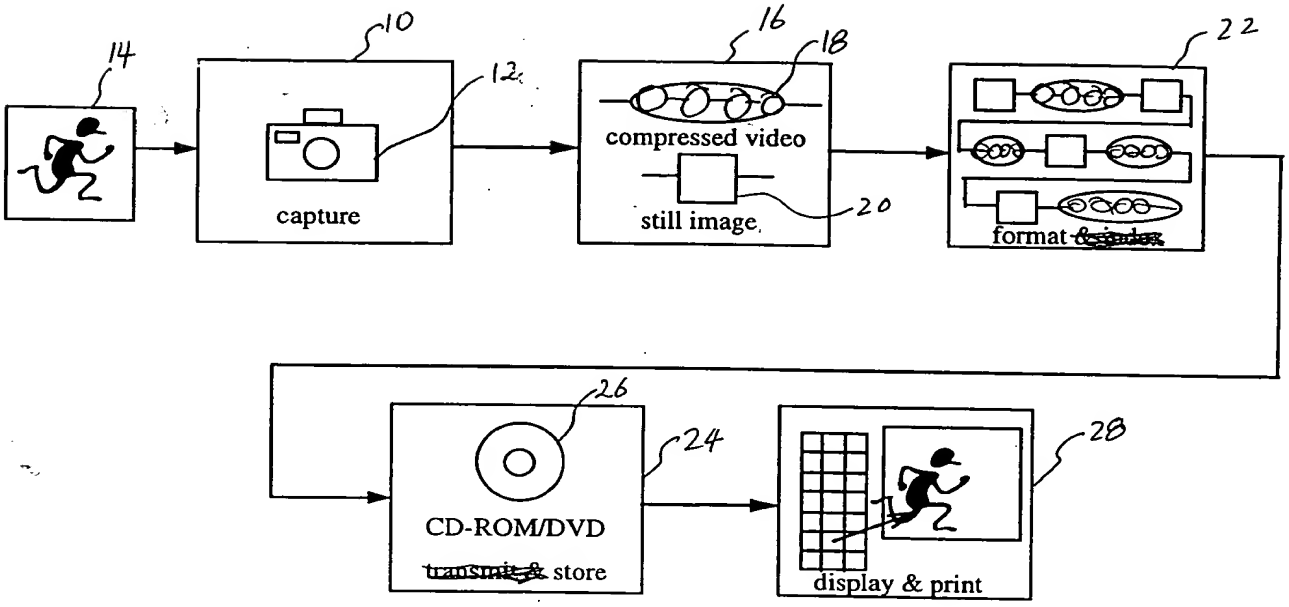
14
10
12
16
18
22
compressed video
capture
still image
20
format
26
24
28
CD-ROM/DVD
store
display & print

FIG. 1

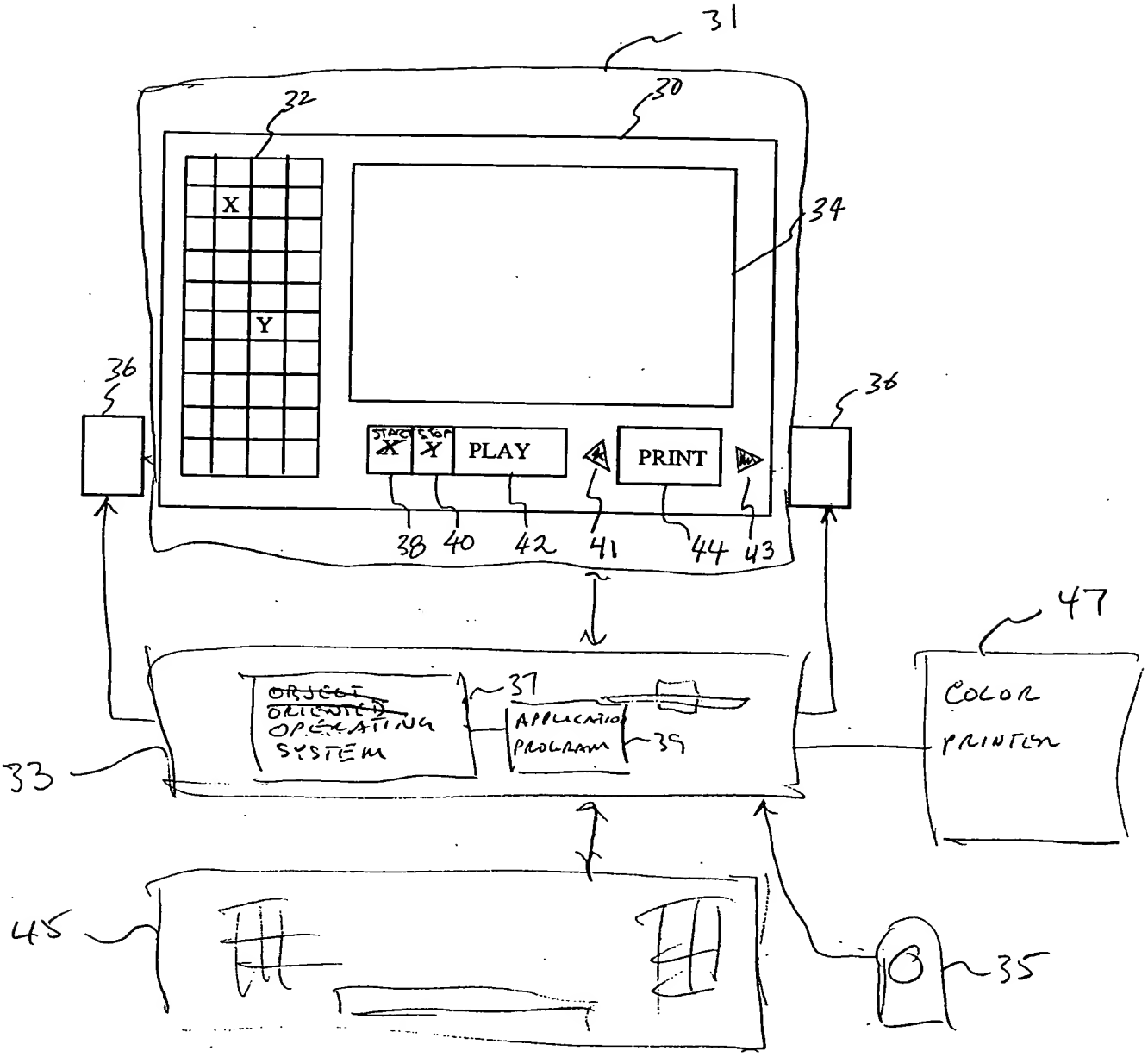
31
32
30
X
Y
34
36
36
PLAY
PRINT
38
40
42
41
44
43
47
37
APPLICATION PROGRAM
39
33
COLOR PRINTER
45
35

FIG. 2

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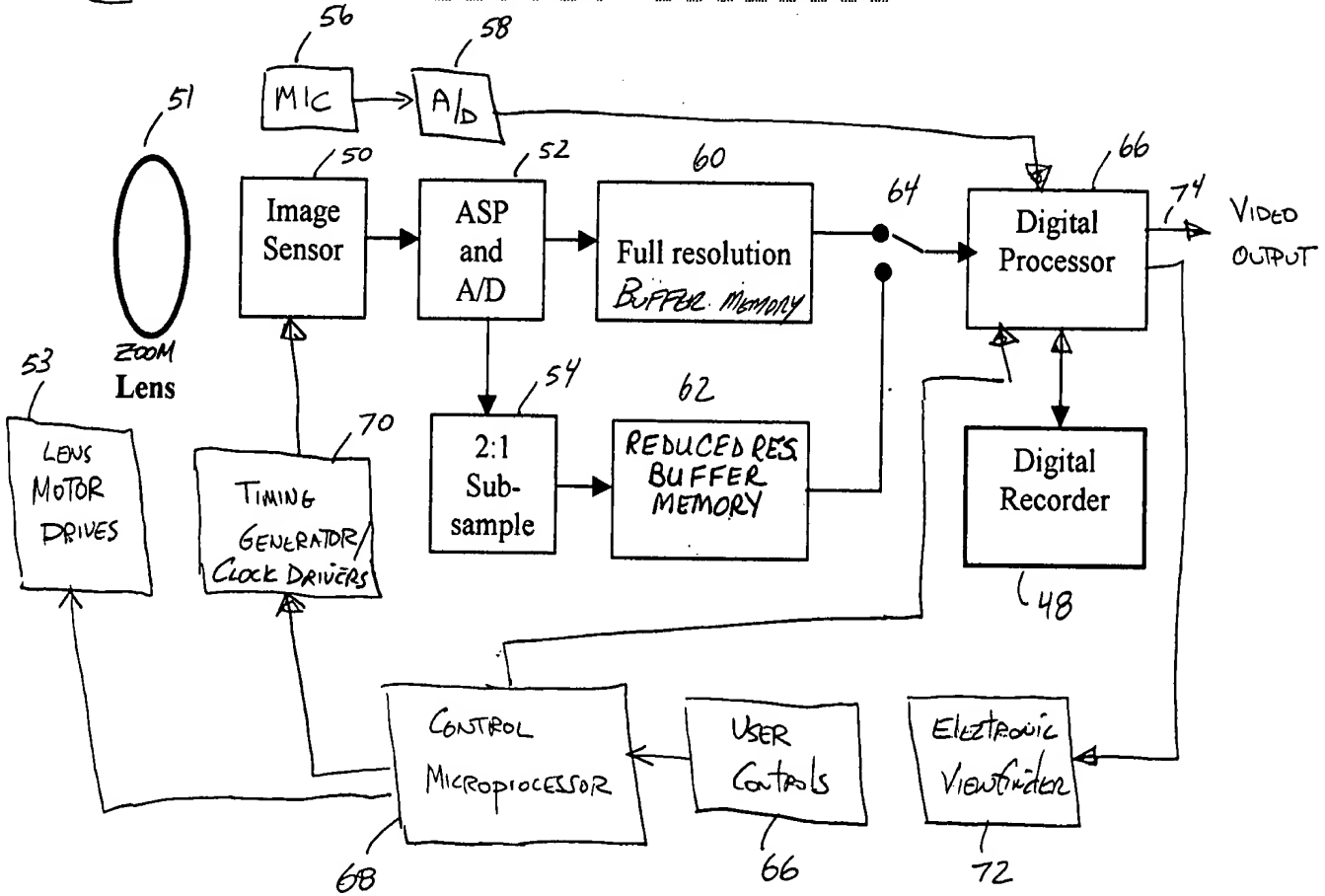

FIG. 3

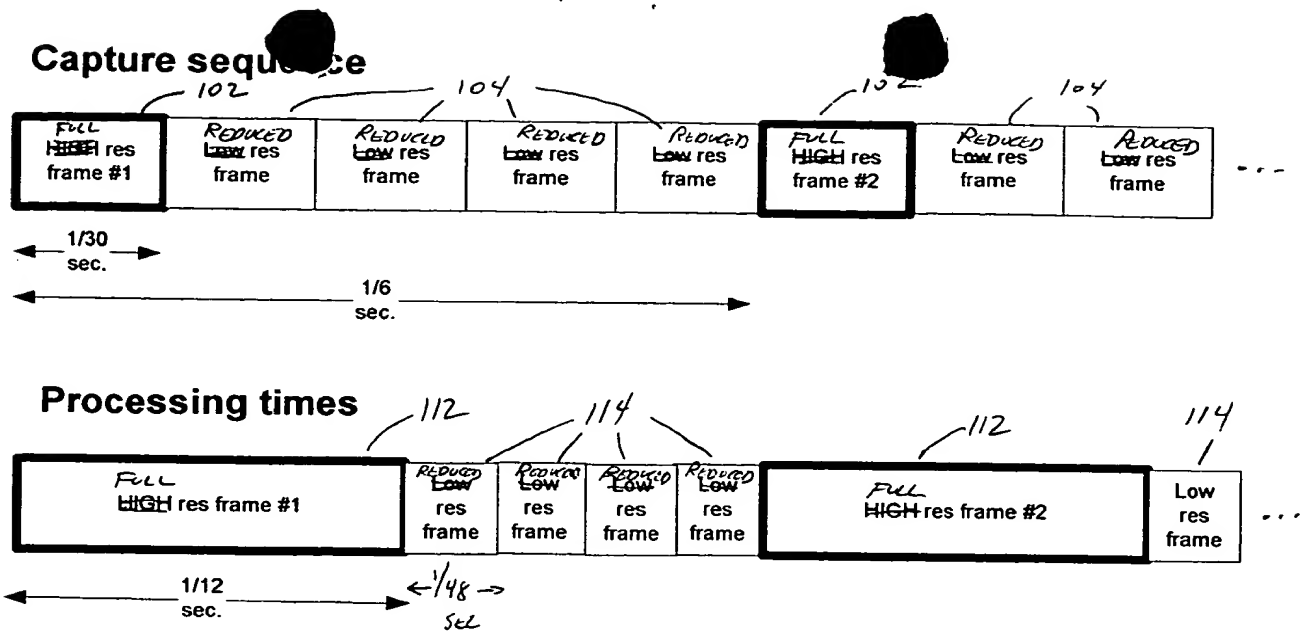
Capture sequence
102
104
FULL HIGH res frame #1
REDUCED Low res frame
REDUCED Low res frame
REDUCED Low res frame
REDUCED Low res frame
FULL HIGH res frame #2
REDUCED Low res frame
REDUCED Low res frame
1/30 sec.
1/6 sec.
Processing times
112
114
FULL HIGH res frame #1
REDUCED Low res frame
REDUCED Low res frame
REDUCED Low res frame
REDUCED Low res frame
FULL HIGH res frame #2
Low res frame
1/12 sec.
1/48 sec

FIG. 4

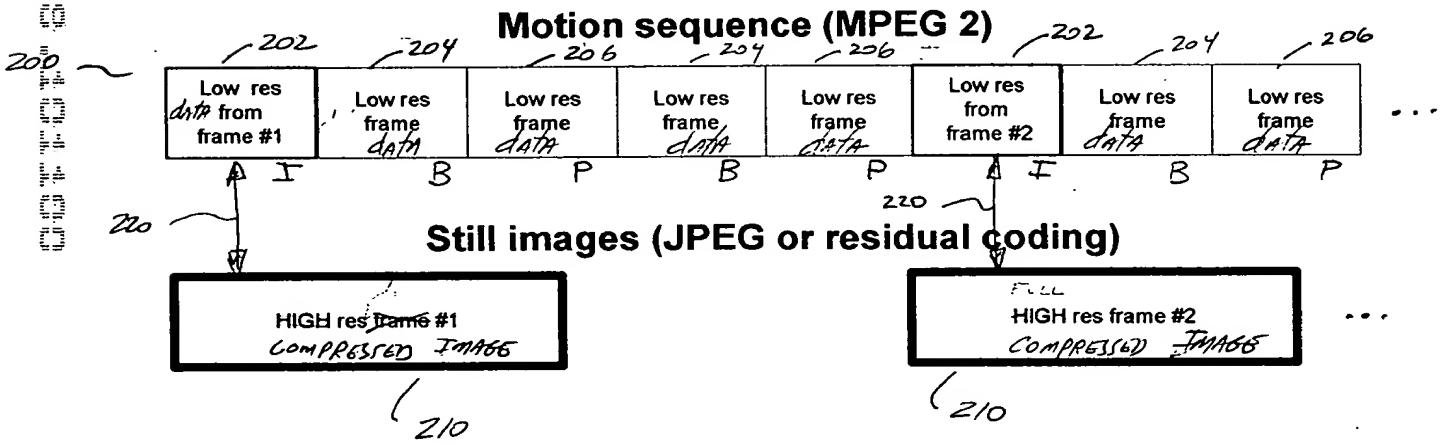
Motion sequence (MPEG 2)
200
202
204
206
Low res data from frame #1
Low res frame data
Low res frame data
Low res frame data
Low res frame data
Low res from frame #2
Low res frame data
Low res frame data
I
B
P
B
P
I
B
P
220
220
Still images (JPEG or residual coding)
HIGH res frame #1 COMPRESSED IMAGE
FULL HIGH res frame #2 COMPRESSED IMAGE
210
210

FIG. 5